TC-45 Optical Power Meter + VFL

TC-45 Mini-Designed Optical Power Meter is a self-developed test instrument which is widely used for installation, operation and maintenance of fiber-optic network.

TC-45 can test optical power within the range of 800~1700nm wave length. There are 850nm, 1300nm, 1310nm, 1490nm, 1550nm, 1625nm, six calibrated wavelength.
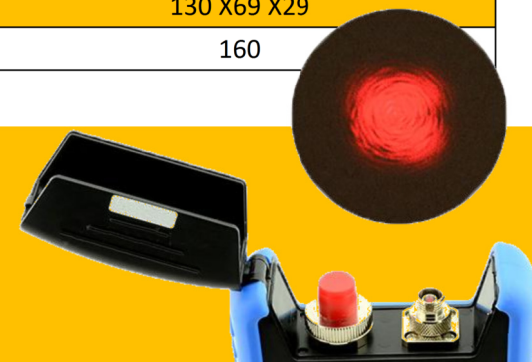
FEATURES

- High measurement accuracy and display resolution
- Quick response and measurement: It can display fast-tracking and real-time measurement of optical power when output power changes
- Wide measurement range: it can provide 80dB of optical power measurement range
- Six calibrated wavelength: 850nm, 1300nm, 1310nm, 1490nm, 1550nm and 1625nm
- Provide absolute optical power measurement and relative power measurement
- Real-time monitoring and displaying the battery level
- Warning notice is available when the battery is low
- Auto-off function
- Backlight LCD display
- AAA battery which is more convenient to carry
- User self-calibration function

SPECIFICATIONS

Sub Model	TC-45A	TC-45B
Optical Power Meter Specification		
Measurement Range (dBm)	-70 ~ +10	-50 ~ +26
Wavelength (nm)	800 ~ 1700nm	
Detector	InGaAs	
Accuracy	<±3% (-10dBm, 22℃)	
Calibrated Wavelength (nm)	850, 1300, 1310, 1490, 1550, 1625	
Resolution	Linearity: 0.1%; Non-linearity: 0.01dBm	
Optical Connector	FC/SC/ST (FC-LC converter is optional)	
Visual Fault Locator Specification		
Wavelength (nm)	650±10	
Output Power (mw)	1mw/10mw/20mw/30mw	
Connector	2.5mm universal	
Physical Specification		
Power Supply	Alkaline Battery (2pcs AAA batteries)	
Battery Operating Time	>120h(without backlight)	
Operating Temperature (℃)	-10 ~ +50	
Storage Temperature (℃)	-20 ~ +70	
Relative Humidity	0 to 90% (non-condensing)	
Dimension (mm)	130 X69 X29	
Weight (g)	160	

Test Srl
Strada Vicinale Battifoglia 14/N, 06132 Sant'Andrea delle Fratte (PG)
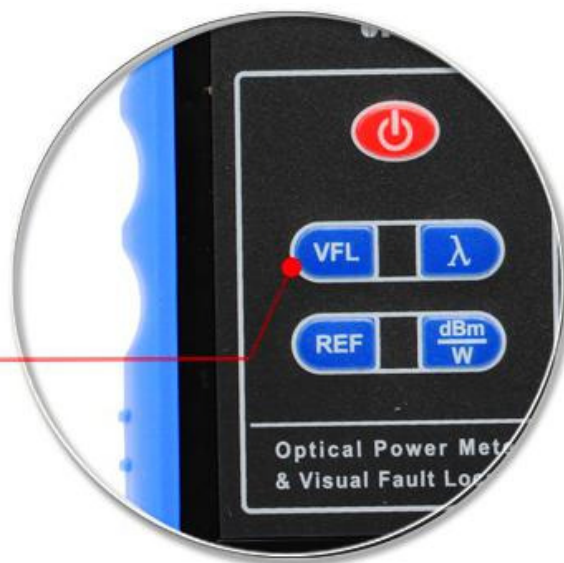Web. Www.test.it
Email. info@test-italy.com

HD LCD Display

650nm

1310 nm

-70.00 dBm

Auto off

OPM

OPM&VFL Port

Dustproof Cap

Big Button Easy to Operate

VFL λ

REF dBm/W

Optical Power Meter & Visual Fault Locator

1310 nm 0.00

-70.00

Auto off

OPM

VFL λ

REF dBm/W

Optical Power Meter & Visual Fault Locator

2M Rubber Sheath

Shockproof&Antiskid!

Complete Packaging

Changeable Battery

SC/ST/FC Adapters

OPM

VFL

VFL Button

OPM and VFL can work at same time